

Question

Friday, October 14, 2022

4:34 PM

Question



Which of the following procedures (multiple answers possible) follow proper programming syntax or "etiquette" for subs and functions?

☒ Does this follow proper syntax/etiquette?

Option Explicit

```
Function AmIOkay(x As Double, y As Double) As Double
AmIOkay = Sin(x + y) + Exp(0.2 * x)
End Function
```



Correct

Correct! Yes, the output of a function is always the name of the function (AmIOkay on the second line).

☒ Does this follow proper syntax/etiquette?

Option Explicit



```
Sub AmIOkay()
Dim x As Double, y As Double
x = 4
y = 2
AmIOkay = Sin(x + y) + Exp(0.2 * x)
End Sub
```

✗ **This should not be selected**

Incorrect. The "AmIOkay" statement on line 5 will give an error.

✓ Does this follow proper syntax/etiquette?

Option Explicit

```
Function AmIOkay(x As Double, y As Double) As Double
MsgBox Sin(x + y) + Exp(0.2 * x)
End Function
```

✗ **This should not be selected**

Incorrect. While the syntax works and this will not yield an error, you should never use message boxes (nor input boxes) in user defined functions.

✓ Does this follow proper syntax/etiquette?

Option Explicit

```
Function AmIOkay(x As Double, y As Double) As Double
Dim x As Double, y As Double
AmIOkay = Sin(x + y) + Exp(0.2 * x)
End Function
```

✗ **This should not be selected**

Incorrect. Everything else is fine other than the Dim statements on the second line.

- ✓ Does this follow proper syntax/etiquette?

Option Explicit

- ```
Sub AmIOkay()
Dim x As Double, y As Double
x = 4
y = 2
MsgBox Sin(x + y) + Exp(0.2 * x)
End Sub
```



**Correct**

- Correct! Yes, this follows proper syntax and etiquette for subs.